DERWENT-ACC-NO: 1996-433639

DERWENT-WEEK: 199954

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TITLE: Lightweight sound absorbing component - comprises air layer between expanded fibre-reinforced thermoplastic resin and resin moulded body

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PRIORITY-DATA: 1995JP-0156077 (June 22, 1995), 1995JP-0052444

(March 13, 1995)

, 1995JP-0052445 (March 13, 1995)

## PATENT-FAMILY:

PUB-NO MAIN-IPC	PUB-DATE	LANGUA	GE PA	AGES
US 5981046 A	November 9, 1999	N/A	000	B32B
005/18 WO 9628297 A1	September 19, 199	6 J	044	4 B32B
003/26 JP 08244125 A	September 24, 1996	N/A	00:	5 B29D
009/00 JP 08244150 A	September 24, 1996	N/A	00:	5 B32B
003/26 JP 09001714 A	January 7, 1997	N/A	006	B32B
005/28	•			
EP 765737 A1 KR 97702786 A 003/26	April 2, 1997 June 10, 1997	E N/A	027 000	B32B 003/26 B32B

DESIGNATED-STATES: KR US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE DE F I FR GB IT SE

CITED-DOCUMENTS: JP 1165742; JP 56151131; JP 6156161; JP 6270922

APPLICATION-DATA: PUB-NO APPL-DESCRIPTOR APPL-NO						
APPL-DATE US 5981046A	N/A	1996WO-JP00618	March 13,			
1996 US 5981046A	N/A	1996US-0737441	November 12,			
1996 US 5981046A	Based on	WO 9628297	N/A			
WO 9628297A1 1996	N/A	1996WO-JP00618	March 13,			
JP 08244125A JP 08244150A	N/A N/A	1995JP-0052445 1995JP-0052444	March 13, 1995 March 13, 1995			
JP 09001714A EP 765737A1	N/A N/A	1995JP-0156077 1996EP-0905996	June 22, 1995 March 13, 1996			
EP 765737A1 1996	N/A	1996WO-JP00618	March 13,			
EP 765737A1 KR 97702786A	Based on N/A	WO 9628297 1996WO-JP00618	N/A March 13,			
1996 KR 97702786A	N/A	1996KR-0706396	November 12,			
1996			N/A			
KR 97702786A	Based on	WO 9628297				
INT-CL_(IPC): B29D009/00; B29D031/00; B29K101:12; B29K105:04; B29K105:12; B32B003/02; B32B003/26; B32B005/02; B32B005/18;						
B32B005/28; B32B007/02; B32B017/04; B32B027/00; B32B027/12; B60R013/08; E04B001/82; E04B001/90; F01N001/24; F02B077/13; G10K011/16; G10K011/162						

ABSTRACTED-PUB-NO: US 5981046A

BASIC-ABSTRACT: A sound absorbing component includes an expanded body of a

fibre-reinforced thermoplastic resin having a voids of at least 50 vol.% and

a resin moulded body, wherein an air layer is disposed between the expanded body and the resin moulded body.

ADVANTAGE - Though light in weight and low in thickness, this sound absorbing component effectively absorbs sounds in a frequency range of 500 - 3000 Hz of noise outside a car.

ABSTRACTED-PUB-NO: WO 9628297A EQUIVALENT-ABSTRACTS: A sound absorbing component includes an expanded body of a fibre-reinforced thermoplastic resin having a voids of at least 50 vol.% and a resin moulded body, wherein an air layer is disposed between the expanded body and the resin moulded body.

ADVANTAGE - Though light in weight and low in thickness, this sound absorbing component effectively absorbs sounds in a frequency range of 500 - 3000 Hz of noise outside a car.

CHOSEN-DRAWING: Dwg.1/29

TITLE-TERMS:
LIGHT SOUND ABSORB COMPONENT COMPRISE AIR LAYER
EXPAND FIBRE REINFORCED
THERMOPLASTIC RESIN RESIN MOULD BODY

DERWENT-CLASS: A95 P73 P86 Q17 Q51

CPI-CODES: A12-R06; A12-S04B; A12-S08D; A12-S08E;

ENHANCED-POLYMER-INDEXING: Polymer Index [1.1] 018; H0317; S9999 S1309\*R Polymer Index [1.2]

018; ND01; Q9999 Q9234 Q9212; Q9999 Q9289 Q9212; B9999

B4193

B4091 B3838 B3747 ; B9999 B4842 B4831 B4740 ; B9999 B5243\*R B4740

; B9999 B3985 B3974 B3963 B3930 B3838 B3747 ; Q9999 Q6622 Q6611

; K9892 ; K9574 K9483 ; K9712 K9676 ; K9687 K9676 ; K9416 Polymer Index [1.3]

018; S9999 S1070\*R; A999 A419

Polymer Index [2.1]

018; P0000; S9999 S1434

Polymer Index [2.2]

018 ; ND01 ; Q9999 Q9234 Q9212 ; Q9999 Q9289 Q9212 ; B9999 B4193

B4091 B3838 B3747 ; B9999 B4842 B4831 B4740 ; B9999 B5243\*R B4740

; B9999 B3985 B3974 B3963 B3930 B3838 B3747 ; Q9999 Q6622 Q6611

; K9892 ; K9574 K9483 ; K9712 K9676 ; K9687 K9676 ; K9416

## SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-136086

Non-CPI Secondary Accession Numbers: N1996-365388